

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

The inventive method for processing an RR series comprises a plurality of (RR) samples representing time intervals (dti) between two successive heart beats or the inverse (1/dti) of said time intervals consists in selecting (N) (RRi) samples in a main time window having a predetermined length (n), in cutting said main window into (m) subwindows (F_j), in calculating an intermediate parameter (A_1) for each subwindow (F_j) on the basis of the (RRi) samples contained in the subwindow (F_j) and in calculating a final parameter as a function of the intermediate parameters (A_j). The invention is used for analysing a cardiac rhythm variability, in particular for assessing a patient's pain or stress.